

Title (en)

SYNCHRONOUS MACHINE MONITORING USING TIME STAMPED ELECTRICAL AND MECHANICAL DATA

Title (de)

SYNCHRONMASCHINENÜBERWACHUNG MITHILFE ZEITGESTEMPELTER ELEKTRISCHER UND MECHANISCHER DATEN

Title (fr)

CONTRÔLE DE MACHINE SYNCHRONE AU MOYEN DE DONNÉES ÉLECTRIQUES ET MÉCANIQUES HORODATÉES

Publication

EP 3146604 A1 20170329 (EN)

Application

EP 15796655 A 20150513

Priority

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- US 201514709818 A 20150512
- US 2015030481 W 20150513

Abstract (en)

[origin: US2015331052A1] Electrical power machines are monitored according to the disclosure herein using time stamped mechanical conditions and electrical conditions. The mechanical conditions may include rotational position, calculated and time stamped rotational frequency, valve position, temperature, or vibration. The time stamped electrical conditions may include electrical power system frequency, electrical power machine field data, electrical power machine terminal information such as voltage and current, and the like. Electrical and mechanical time-stamped electrical power machine data from different machines that may be local or remote from each other may be compared for monitoring the machines.

IPC 8 full level

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CPC (source: EP US)

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